

TABLE 3

TOXICITY OF CHLORIDE

TO AQUATIC PLANTS

(From U.S. EPA Publication 440588001,
Ambient Water Quality Criteria for Chloride

Table 3 Toxicity of Chloride to Aquatic Plants

Species	Chemical	Dosage (days)	Effect	Concentration (mg/l) ^a	Refers
FRESHWATER SPECIES					
Algo. <u>Ankistrodesmus nidulans</u>	Sodium chloride	4	Growth inhibition	>24,300	Schiew
Algo. <u>Anabaena variabilis</u>	Sodium chloride	4	Growth inhibition	14,300	Schiew
Algo. <u>Chlorella vulgaris</u>	Sodium chloride	3-6	Growth inhibition	3,014	Raymond
Algo. <u>Chlorella vulgaris</u>	Sodium chloride	8-14	Growth inhibition	7,000	Seller
Algo. <u>Chlorella vulgaris</u>	Sodium chloride	28	Growth inhibition	18,200	Kessler
Algo. <u>Chlorella vulgaris</u>	Sodium chloride	28	Growth inhibition	24,300	Kessler
Algo. <u>Chlorella vulgaris</u>	Sodium chloride	28	Growth inhibition	24,300	Kessler
Algo. <u>Chlorella vulgaris</u>	Sodium chloride	28	Growth inhibition	18,200	Kessler
Algo. <u>Chlorella vulgaris</u>	Sodium chloride	28	Growth inhibition	36,400	Kessler

Table 4. (continued)

Species	Chemical
<i>Desmid.</i> <u>Metrium digitus</u>	Sodium chloride
<i>Diatom.</i> <u>Mitschkin linearis</u>	Potassi chlorid
<i>Diatom.</i> <u>Mitschkin linearis</u>	Calcium chloride
<i>Diatom.</i> <u>Mitschkin linearis</u>	Sodium chloride
<i>Eurasian watermilfoil.</i> <u>Myriophyllum spicatum</u>	Sodium chloride
<i>Eurasian watermilfoil.</i> <u>Myriophyllum spicatum</u>	Sodium chloride
<i>Angiosperm (seed).</i> <u>Potamogeton pectinatus</u>	Sodium chloride
<i>Angiosperm (9-wk old plants).</i> <u>Potamogeton pectinatus</u>	Sodium chloride
<i>Angiosperm (13-wk old plants).</i> <u>Potamogeton pectinatus</u>	Sodium chloride

* Concentration of chloride, not Na